

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**MAY 29 2018**  
5. Lease Serial No.  
MLC063586

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Partial Reservoir  Other

2. Name of Operator: CIMAREX ENERGY COMPANY OF OK  
Contact: PATRICIA HOLLAND  
Email: pholland@cimarex.com

3. Address: 202 S CHEYENNE AVE. SUITE 1000  
TULSA, OK 74103  
3a. Phone No. (include area code)  
Ph: 918-560-7081

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: SWSW 1390FSL 308FWL 32.628016 N Lat, 103.795961 W Lon  
At top prod interval reported below: SWSW 1390FSL 308FWL 32.628016 N Lat, 103.795961 W Lon  
At total depth: SESE 1262FSL 330FEL 32.627600 N Lat, 103.780802 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
SOUTHERN CALIFORNIA 29 FEDERAL 19H

9. API Well No.  
30-025-43070-00-S1

10. Field and Pool, or Exploratory  
LUSK

11. Sec., T., R., M., or Block and Survey or Area  
Sec 29 T19S R32E Mer NMP

12. County or Parish  
LEA

13. State  
NM

14. Date Spudded  
11/13/2017

15. Date T.D. Reached  
12/06/2017

16. Date Completed  
 D & A  Ready to Prod.  
02/10/2018

17. Elevations (DF, KB, RT, GL)\*  
3546 GL

18. Total Depth: MD 13663 TVD 9183  
19. Plug Back T.D.: MD 13660 TVD 9183  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J55	94.0	0	934		2445		0	0
17.500	13.375 J55	54.5	0	2692		2350		0	0
12.250	9.625 J55	40.0	0	4205	2755	1280		0	0
8.500	5.500 P-110	20.0	0	8529				0	0
8.500	5.500 P-110	20.0	8529	13663		3275		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8753							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING SOUTH			9349 TO 13635	0.000	837	OPEN
B) BONE SPRING	9349	13635				
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9349 TO 13635	8686923#S SAND & 5485615 GALS TOTAL FLUID

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/16/2018	03/10/2018	24	→	683.0	987.0	1052.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34	SI	168.0	→	683	987	1052	1445	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/16/2018	03/10/2018	24	→	683.0	987.0	1052.0	40.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI 148	168.0	→	683	987	1052	1445	POW	

**ACCEPTED FOR RECORD**  
**MAY 23 2018**  
*Wendy Negrete*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #412762 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

*Reclamation Due: 8/10/18*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

**CAPTURED SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE BONE SPRING	4400 7140	5400 9480	SANDSTONE: WATER/OIL/GAS SHALE: WATER/OIL/GAS	RUSTLER YATES DELAWARE BONE SPRING	860 2570 4400 7140

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #412762 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/03/2018 (18DW0151SE)**

Name (please print) PATRICIA HOLLAND Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 04/30/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30025-43070	<sup>2</sup> Pool Code 41460	<sup>3</sup> Pool Name Lusk Bone Spring South
<sup>4</sup> Property Code 37971	<sup>5</sup> Property Name SOUTHERN CALIFORNIA 29 FEDERAL	
<sup>7</sup> OGRID No. 162683	<sup>8</sup> Operator Name CIMAREX ENERGY CO. Of Colorado	<sup>6</sup> Well Number 19H <sup>9</sup> Elevation 3546.4'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	19S	32E		1390	SOUTH	308	WEST	LEA

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	19S	32E		1262	SOUTH	330	EAST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. NSL-7536
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

